

I claim:

1. A modular room upright assembly for use in a modular room constructed upon a floor surface, the modular room upright assembly comprising:
  - 5 a substantially vertical elongated upright having
    - a wall at least partially defining an interior of the upright;
    - a bottom end adjacent to the floor surface; and
    - at least one aperture in the wall;
  - a bracket coupled to the bottom end of the upright, the bracket having:
    - 10 a first portion received within the aperture of the upright, extending longitudinally within the interior of the upright to the bottom end of the upright, and having a distal end releasably coupled to an interior wall of the upright;
    - a second portion extending away from the upright to a location disposed from the upright; and
    - 15 a foot coupled to the second portion and positioned to rest upon the floor a distance from the upright.
2. The modular room upright assembly as claimed in claim 1, wherein the interior wall of the upright is at least partially defined by an end wall of the upright closing the bottom end  
20 of the upright.
3. The modular room upright assembly as claimed in claim 2, wherein the end wall has an aperture therein through which an end of the first portion of the bracket extends to engage the end wall of the upright.  
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4. The modular room upright assembly as claimed in claim 1, wherein the first portion extends through the bottom end of the upright.
5. The modular room upright assembly as claimed in claim 1, wherein the first portion  
30 of the bracket is received within an aperture in the interior wall of the upright.

6. A modular room, comprising:

a plurality of uprights;

a plurality of anchor plates, each anchor plate coupled to at least one of the plurality of uprights;

5 first and second adjacent exterior wall panels coupled to a first upright of the plurality of uprights, the first and second adjacent exterior wall panels located substantially in a first plane and at least partially defining a first exterior wall of the modular room;

a third exterior wall panel having a width, the third exterior wall panel coupled to a second upright of the plurality of uprights and extending a first distance away from the first plane to at least partially define a corner of the modular room and a second exterior wall of the modular room at an angle with respect to the first exterior wall; and

10 an interior wall panel having the same width as the third exterior wall panel, the interior wall panel coupled to a third upright of the plurality of uprights and extending into an interior of the modular room a second distance substantially the same as the first distance, the first and third uprights coupled to a common one of the plurality of anchor plates.

7. The modular room as claimed in claim 6, wherein the second and third uprights are disposed in a second plane substantially parallel to the first plane.

20 8. The modular room as claimed in claim 6, wherein the first and second exterior walls are substantially orthogonal to one another.

9. The modular room as claimed in claim 6, wherein the second and third uprights are located on the same side of the first plane and are located the same distance away from the first plane.

10. The modular room as claimed in claim 6, wherein:  
the modular room has a plurality of exterior walls of which the first and second exterior walls are a part; and  
30 the interior wall panel is located entirely inside of the plurality of exterior walls.

11. The modular room as claimed in claim 6, wherein the common one of the plurality of anchor plates has two upstanding members to which the first and third uprights are coupled, the two upstanding members adapted to connect upright members in different orientations upon the anchor plate.

12. The modular room as claimed in claim 6, further comprising:  
a fourth upright in the first exterior wall; and  
a second one of the plurality of anchor plates to which the fourth and second uprights are coupled.

13. A modular room comprising:  
first, second, and third exterior anchor plates;  
an interior anchor plate;  
first and second uprights coupled to the first exterior anchor plate;  
a third upright coupled to the second exterior anchor plate;  
a fourth upright coupled to the third exterior anchor plate;  
a fifth upright coupled to the interior anchor plate;  
an interior wall panel coupled at a first end to the first upright and at a second end to the fifth upright;

a first exterior wall panel coupled at a first end to the third upright and at a second end to the fourth upright, the first exterior wall panel substantially parallel to and spaced from the interior wall panel; and

a second exterior wall panel coupled at a first end to the second upright and at a second end to the second anchor plate;

the first exterior wall panel and the interior wall panel having the same width between the third and fourth uprights and between the first and fifth uprights, respectively, the second end of the first exterior wall panel and the second end of the interior wall panel terminating in a plane substantially parallel to the second exterior wall panel.

14. The modular room as claimed in claim 13, further comprising a sixth upright coupled to the second anchor plate, wherein the second exterior wall panel is coupled to the second anchor plate via the sixth upright.

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15. The modular room as claimed in claim 14, wherein:  
the second and sixth uprights are disposed in a first plane; and  
the first and third uprights are disposed in a second plane substantially parallel to and disposed a distance from the first plane.

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16. The modular room as claimed in claim 13, wherein the first exterior wall panel and the interior wall panel have the same width.

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17. The modular room as claimed in claim 13, wherein the first exterior wall panel and the interior wall panel are interchangeable.

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18. The modular room as claimed in claim 13, wherein:  
the modular room has a plurality of exterior walls of which the first and second exterior wall panels are a part;  
and the interior wall panel is enclosed within the exterior walls of the modular room.

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19. An anchor plate assembly for securing first and second uprights of a modular room with respect to a floor, the anchor plate assembly comprising:  
a base plate;  
a first member extending vertically from the base plate and adapted to be secured to the first upright in a first angular orientation with respect to the base plate; and  
a second member extending vertically from the base plate and adapted to be secured to the second upright in a second angular orientation with respect to the base plate, the second angular orientation being different than the first angular orientation.

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20. The anchor plate assembly as claimed in claim 19, in which the first and second uprights each have a rectangular cross-sectional shape defined by a first side and a second side longer than the first side, wherein:

the second side of the first upright abuts the first member and wherein the second side  
5 of the second upright abuts the second member.

21. The anchor plate assembly as claimed in claim 20, wherein the second side of the first upright is substantially orthogonal to the second side of the second upright.

10 22. The anchor plate assembly as claimed in claim 19, in which the first and second uprights each having a rectangular cross-sectional shape defined by a first side and a second side longer than the first side, wherein:

the first upright is coupled to the base plate at a different angular orientation with  
respect to the base plate than the second upright.

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23. The anchor plate assembly as claimed in claim 22, wherein the first member is oriented at a right angle with respect to the second member.

20 24. An overhead truss network of a modular room, the truss network having at least two substantially parallel overhead trusses, each of the substantially parallel overhead trusses comprising:

a first panel;

a second panel substantially co-planar with respect to the first panel and in end-to-end  
relationship with the first panel, the first and second panels defining a seam between the first  
25 and second panels; and

a beam coupled to the first and second panels, the beam spanning and coupling the  
first and second panels together.

30 25. The overhead truss as claimed in claim 24, wherein the beam is located on an edge of each of the first and second panels.

26. The overhead truss as claimed in claim 24, wherein the beam is attached to the first and second panels by fasteners extending through the beam and the first and second panels.

27. The overhead truss as claimed in claim 24, further comprising at least one beam connected at opposite ends to the first panel and to an adjacent truss in the truss network.

5 28. A modular room upright assembly adapted to be coupled to a floor, the modular room upright assembly comprising:

a substantially vertical elongated upright having

a bottom end; and

a plurality of sidewalls;

10 a base plate;

a first fastener adapted to secure the base plate to the floor; and

an upstanding member extending from the base plate, the upstanding member clamped by a second fastener against a substantially vertical face of a sidewall of the upright adjacent to the bottom end of the upright, the second fastener received through apertures in  
15 the upright and upstanding member to clamp the upright and upstanding member together.

29. The modular room upright assembly as claimed in claim 28, wherein the upstanding member has at least one edge clamped against the substantially vertical face of the sidewall.

20 30. The modular room upright assembly as claimed in claim 29, wherein the at least one edge establishes line contact of the upstanding member against the upright.

31. The modular room upright assembly as claimed in claim 28, wherein the upstanding member is a first upstanding member, the modular room upright assembly further comprising  
25 a second upstanding member extending from the base plate, the second upstanding member clamped against the upright adjacent to the bottom end of the upright.

32. The modular room upright assembly as claimed in claim 31, wherein the first and second upstanding members clamp the upright on opposite sides.

33. The modular room upright assembly as claimed in claim 28, wherein:  
the substantially vertical elongated upright is a first substantially vertical elongated  
upright; and

the upstanding member is a first upstanding member, the modular room upright  
5 assembly further comprising

a second substantially vertical elongated upright, and

a second upstanding member extending from the base plate, the second  
upstanding member clamped against a substantially vertical face of a sidewall of the  
second upright adjacent to bottom end of the second upright.

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34. The modular room upright assembly as claimed in claim 33, wherein the first and  
second uprights are oriented at an angle upon the base plate with respect to one another.

35. The modular room upright assembly as claimed in claim 33, wherein the first and  
15 second uprights are substantially orthogonal to one another on the base plate.

36. The modular room upright assembly as claimed in claim 34, wherein:  
each of the first and second uprights are adapted for connection to laterally-extending  
stretchers on two of four sides; and

20 the substantially vertical face of the first upright is oriented at an angle with respect to  
the substantially vertical face of the second upright.

37. The modular room upright assembly as claimed in claim 28, wherein:  
the upright is adapted for connection to laterally-extending stretchers on two of four  
25 sides of the upright; and

the upright is connected to the upstanding member on one of the two other sides of the  
upright.

38. The modular room upright assembly as claimed in claim 28, further comprising an  
30 aperture defined in the base plate through which the first fastener is received.

39. The modular room upright assembly as claimed in claim 28, wherein the upstanding member and the upright have mating cross-sectional shapes for mating the upstanding member with the upright, the upright being resistant to lateral movement with respect to the upstanding member by virtue of the mating cross-sectional shapes.

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40. A modular room upright assembly adapted to be coupled to the floor, comprising:

an elongated and substantially vertical upright having a bottom end;

a base plate adapted to be connected to the floor by at least one fastener;

a member extending from the base plate adjacent to the substantially vertical upright;

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a foot coupled to the bottom end of the vertical upright via a threaded connection and resting upon the base plate; the threaded connection adjustable while the foot is upon the base plate to raise and lower the upright with respect to the foot in order to raise and lower the upright to different positions with respect to the base plate and floor; and

a fastener received in a first aperture through the upright and a second aperture

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through the member, at least one of the first and second apertures being shaped to receive the fastener in a plurality of positions of the upright with respect to the member to retain the upright in place against the member in at least two of the plurality of positions.

41. The modular room upright assembly as claimed in claim 40, wherein the foot is a

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head of a threaded fastener received within a threaded aperture defined in the bottom end of the upright.

42. The modular room upright assembly as claimed in claim 40, wherein one of the first

and second apertures comprises an elongated aperture, and wherein the fastener is adapted to

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releasably secure the upright against the member in different relative positions.

43. The modular room upright assembly as claimed in claim 40, wherein the upright is

adapted to be clamped to the member.

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44. The modular room upright assembly as claimed in claim 40, wherein the member has an aperture defined therein located to permit access to the foot with a tool.



45. The modular room upright assembly as claimed in claim 40, wherein the foot can be turned to raise and lower the upright to different vertical positions with respect to the member.

- 5 46. An anchor assembly for connecting of at least one upright of a modular room to a floor, the anchor assembly comprising:
- a base plate having a plurality of edges;
  - an upstanding member extending from the base plate, the upstanding member adapted to be clamped to an upright of the modular room to secure the upright against movement
- 10 relative to the base plate;
- at least one of the edges of the base plate being at an angle with respect to the floor and resistant to deformation from bending moments transmitted from the upright to the anchor assembly.

- 15 47. The anchor assembly as claimed in claim 46, wherein the base plate is substantially planar.

48. The anchor assembly as claimed in claim 46, wherein the at least one edge is oriented in a generally upward direction with respect to the floor.

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49. A wall assembly for a modular room, the wall assembly comprising:
- a substantially vertical upright having
    - an elongated body;
    - a plurality of sidewalls; and
- 25 a plurality of apertures along the elongated body defined in a first sidewall of the plurality of sidewalls;
- a wall panel coupled to a second sidewall of the plurality of sidewalls, wherein the wall panel is coupled to the upright by a stretcher coupled to the second sidewall of the plurality of sidewalls; and
- 30 a modesty strip releasably coupled to and running along at least part of the elongated body, the modesty strip covering at least some of the plurality of apertures in the sidewall.

50. The wall assembly as claimed in claim 49, wherein the modesty strip extends between the wall panel and the second sidewall of the upright.

51. The wall assembly as claimed in claim 49, wherein the modesty strip is snap-fit over the first sidewall.

52. The wall assembly as claimed in claim 49, wherein the modesty strip has legs straddling the upright.

53. A modular room assembly comprising:  
a first elongated and substantially vertical upright having a bottom end;  
a second elongated and substantially vertical upright located a distance from the first upright and having a bottom end;

a wall panel coupled to the first and second uprights to at least partially define a wall of the modular room; and

a mopboard coupled to the bottom end of the first upright with a first fastener and coupled to the bottom end of the second upright by a second fastener, the mopboard adjustably connectable to different relative positions with respect to the bottom ends of the first and second uprights via the first and second fasteners received within and movable to different positions along elongated apertures in at least one of the mopboard and the first and second uprights.

54. The modular room as claimed in claim 53, wherein the mopboard has  
a first elongated aperture defined therein through which the first fastener is received;

and

a second elongated aperture defined therein through which the second fastener is received, the mopboard adjustable to different positions relative to the first and second uprights by securing the first and second fasteners in different positions within the first and second elongated apertures, respectively.

55. The modular room as claimed in claim 53, wherein the first and second fasteners are connectable to different locations on the bottom ends of the first and second uprights, respectively, corresponding to different relative positions of the mopboard and the uprights.

56. The modular room as claimed in claim 53, wherein the first and second fasteners are received within elongated apertures in the bottom ends of the first and second uprights, respectively.

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57. The modular room as claimed in claim 53, wherein the uprights are adjustable to different heights.

58. A modular room upright assembly for use in a modular room constructed upon a floor surface, the modular room upright assembly comprising:

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a substantially vertical elongated upright having

a wall at least partially defining an interior of the upright;

a bottom end adjacent to the floor surface; and

at least one aperture in the wall;

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a bracket coupled to the bottom end of the upright, the bracket having:

a first portion received within the aperture of the upright, extending within the interior of the upright at a non-perpendicular angular orientation with respect to the wall of the upright, and having a distal end releasably coupled to an interior wall of the upright;

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a second portion extending away from the upright to a location disposed from the upright; and

a foot coupled to the second portion and positioned to rest upon the floor a distance from the upright.

59. The modular room upright assembly as claimed in claim 58, wherein the interior wall of the upright is at least partially defined by an end wall of the upright closing the bottom end of the upright.

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60. The modular room upright assembly as claimed in claim 58, wherein the first portion extends longitudinally within the interior of the upright to the bottom end of the upright.

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61. The modular room upright assembly as claimed in claim 59, wherein the end wall has an aperture therein through which an end of the first portion of the bracket extends to engage the end wall of the upright.

5 62. The modular room upright assembly as claimed in claim 58, wherein the first portion extends through the bottom end of the upright.

63. The modular room upright assembly as claimed in claim 58, wherein the first portion of the bracket is received within an aperture in the interior wall of the upright.

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64. A modular room upright assembly for use in a modular room constructed upon a floor surface, the modular room upright assembly comprising:

a substantially vertical elongated upright having

a wall at least partially defining an interior of the upright;

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a bottom end adjacent to the floor surface; and

at least one aperture in the wall;

a one-piece bracket coupled to the bottom end of the upright, the bracket having:

a first portion received within the aperture of the upright, extending within the interior of the upright, and having a distal end releasably coupled to an interior wall of the upright; and

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a second portion extending away from the upright to a location disposed from the upright; and

a foot coupled to the second portion and positioned to rest upon the floor a distance from the upright.

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65. The modular room upright assembly as claimed in claim 64, wherein the interior wall of the upright is at least partially defined by an end wall of the upright closing the bottom end of the upright.

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66. The modular room upright assembly as claimed in claim 64, wherein the first portion extends longitudinally within the interior of the upright to the bottom end of the upright.

67. The modular room upright assembly as claimed in claim 65, wherein the end wall has an aperture therein through which an end of the first portion of the bracket extends to engage the end wall of the upright.

5 68. The modular room upright assembly as claimed in claim 64, wherein the first portion extends through the bottom end of the upright.

69. The modular room upright assembly as claimed in claim 64, wherein the first portion of the bracket is received within an aperture in the interior wall of the upright

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70. An overhead truss for a modular room, the overhead truss comprising:  
a first panel;

a second panel substantially co-planar with respect to the first panel and in end-to-end relationship with the first panel, the first and second panels in abutting relationship to define a  
15 seam therebetween; and

a beam coupled to the first and second panels, the beam spanning and coupling the first and second panels together.

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71. The overhead truss as claimed in claim 70, wherein the beam is located on an edge of each of the first and second panels.

72. The overhead truss as claimed in claim 70, wherein the beam is attached to the first and second panels by fasteners extending through the beam and the first and second panels.

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73. The overhead truss as claimed in claim 70 for use in a truss network having at least two substantially parallel trusses, each of the substantially parallel trusses having

a first panel;

a second panel substantially co-planar with respect to the first panel and in an end-to-end relationship with the first panel, the first and second panels of each truss defining a seam  
30 between each pair of first and second panels; and

a beam coupled to the first and second panels, the beam of each truss spanning and coupling the first and second panels together.

74. The overhead truss as claimed in claim 73, further comprising at least one beam connected at opposite ends to the first panel and to an adjacent truss in the truss network.

75. A wall assembly for a modular room, the wall assembly comprising:

5 a substantially vertical upright having

an elongated body;

a plurality of sidewalls; and

a plurality of apertures along the elongated body defined in a first sidewall of the plurality of sidewalls;

10 a wall panel coupled to a second sidewall of the plurality of sidewalls; and

a modesty strip snap-fit to and running along at least part of the elongated body, the modesty strip covering at least some of the plurality of apertures in the sidewall.

76. The wall assembly as claimed in claim 75, wherein the wall panel is coupled to the upright by a stretcher coupled to the second sidewall of the plurality of sidewalls.

77. The wall assembly as claimed in claim 75, wherein the modesty strip extends between the wall panel and the second sidewall of the upright.

78. The wall assembly as claimed in claim 75, wherein the modesty strip has legs straddling the upright.

79. An overhead truss for a product storage and display structure, the overhead truss comprising:

25 a first panel;

a second panel substantially co-planar with respect to the first panel and in end-to-end abutting relationship with the first panel, the first and second panels defining a seam therebetween; and

a beam coupled to the first and second panels, the beam spanning and coupling the first and second panels together.

80. The overhead truss as claimed in claim 79, wherein the beam is located on an edge of each of the first and second panels.

81. The overhead truss as claimed in claim 79, wherein the beam is attached to the first and second panels by fasteners extending through the beam and the first and second panels.

5 82. The overhead truss as claimed in claim 79, for use in a truss network having at least two substantially parallel trusses, each of the substantially parallel trusses having:

a first panel;

a second panel substantially co-planar with respect to the first panel and in an end-to-end relationship with the first panel, the first and second panels defining a seam between the first and second panels; and

10 a beam coupled to the first and second panels, the beam spanning and coupling the first and second panels together.

83. The overhead truss as claimed in claim 82, further comprising at least one beam  
15 connected at opposite ends to the first panel and to an adjacent truss in the truss network.

84. An overhead truss for a product storage and display structure, the overhead truss comprising:

a first panel;

20 a second panel substantially co-planar with respect to the first panel and in end-to-end relationship with the first panel, the first and second panels defining a seam therebetween; and

a beam coupled to the first and second panels, the beam spanning and coupling the first and second panels together and attached to the first and second  
25 panels by fasteners extending through the beam and the first and second panels.

85. The overhead truss as claimed in claim 84, wherein the beam is located on an edge of each of the first and second panels.

86. The overhead truss as claimed in claim 84, for use in a truss network having at least two substantially parallel trusses, each of the substantially parallel trusses having:

a first panel;

a second panel substantially co-planar with respect to the first panel and in an end-to-end relationship with the first panel, the first and second panels defining a seam between the first and second panels; and

a beam coupled to the first and second panels, the beam spanning and coupling the first and second panels together.

87. The overhead truss as claimed in claim 86, further comprising at least one beam connected at opposite ends to the first panel and to an adjacent truss in the truss network.

88. An overhead truss network for a product storage and display structure, the overhead truss network comprising

at least two substantially parallel trusses, each truss having:

a first panel;

a second panel substantially co-planar with respect to the first panel and in an end-to-end relationship with the first panel, the first and second panels defining a seam between the first and second panels; and

a beam coupled to the first and second panels, the beam spanning and coupling the first and second panels together.

89. The overhead truss network as claimed in claim 88, wherein the beam of each truss is located on an edge of each of the first and second panels.

90. The overhead truss as claimed in claim 88, further comprising at least one beam connected at opposite ends to adjacent trusses in the overhead truss network.



91. A product storage and display structure, comprising:  
at least one product storage and display unit;  
an overhead truss connected to the at least one product storage and display unit, the  
overhead truss having  
5 a first panel;  
a second panel substantially co-planar with respect to the first panel and in  
end-to-end relationship with the first panel; and  
a beam coupled to the first and second panels, the beam spanning and coupling  
the first and second panels together.  
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92. The product storage and display structure as claimed in claim 91, further comprising  
at least one upright connecting the truss to the product storage and display unit.
93. The product storage and display structure as claimed in claim 91, wherein the  
15 overhead truss is coupled at opposite ends to respective product storage and display units.
94. The product storage and display structure as claimed in claim 91, wherein the at least  
one product storage and display unit is at least one of a shelving unit and a rack unit.
- 20 95. The product storage and display structure as claimed in claim 91, comprising at least  
one other overhead truss substantially parallel with the overhead truss to define a canopy  
adjacent the at least one product storage and display unit.
- 25 96. The product storage and display structure as claimed in claim 91, wherein the  
overhead truss extends over at least a portion of the at least one product storage and display  
unit.